

Work Order ID 70249

Wednesday, June 01, 2011 4:00:29 PM



Page 1

| | | | | | | |
|----------------|----------------------|------------|------|-------|-------|--|
| Item ID: | D3999-043 | Accept | | Setup | Start | |
| Revision ID: | | | | | | |
| Item Name: | Baffle Assembly, Fwd | | | | Stop | |
| Start Date: | 6/2/2011 | Start Qty: | 3.00 | | | |
| Required Date: | 6/22/2011 | Req'd Qty: | 3.00 | | | |
| Reference: | | | | | | |

| | | | | | | | | | | | |
|------------|---------------|-----------|-------|-----------------|------------|--|-------|--|-----|-------|--|
| Approvals: | Process Plan: | <u>MC</u> | Date: | <u>11-06-01</u> | Tooling: | | Date: | | Run | Start | |
| | QC: | | Date: | | SPC (Y/N): | | Date: | | | Stop | |

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

| | | | | | | | | | |
|----------|--------------|--|--|--|--|--|--|--|--|
| Draw Nbr | Revision Nbr | | | | | | | | |
| D3999 | A | | | | | | | | |

| | | | | | | | | | |
|----------|--|------|--|--|--|--|--|--|--|
| 100 | | 0.00 | | | | | | | |
| | | | | | | | | | |
| Waterjet | | | | | | | | | |

| | | | | | | | | | |
|-------------------|-----------------------|--|--|--|--|--|--|--|--|
| FLOW CNC Waterjet | | | | | | | | | |
| <u>6061-063</u> | | | | | | | | | |
| | Memo | | | | | | | | |
| | 1-Cut as per Dwg | | | | | | | | |
| | Dwg Rev: <u>A</u> | | | | | | | | |
| | Prog Rev: <u>A</u> | | | | | | | | |
| | 2-Deburr if necessary | | | | | | | | |

| | | | | | | | | | |
|-----------------|------|------|--|--|--|--|--|--|--|
| 110 | | 0.00 | | | | | | | |
| | | | | | | | | | |
| QC | | | | | | | | | |
| Quality Control | | | | | | | | | |
| | Memo | | | | | | | | |

FB11-6-14

③

FB11-6-14

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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| | | | | | | | | |

NOTE: Date & initial all entries

Work Order ID 70249

Wednesday, June 01, 2011 4:00:29 PM

Page 2

Item ID: D3999-043

Accept

Setup Start

Revision ID:

Stop

Item Name: Baffle Assembly, Fwd

Start Date: 6/2/2011 Start Qty: 3.00

Cust Item ID:

Required Date: 6/22/2011 Req'd Qty: 3.00

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

120

QC8- Inspect parts - second check

0.00



QC

Memo

0.00

Quality Control

S 11/06/15

(X3)

130

Bend as per dwg

0.00



Brake NC

Memo

0.00

Brake NC

Bend D3999-3 as per Dwg

S 11/06/123

(3)

180

0.00



Small Fab

Memo

0.00

Small Fab

Assemble as per dwg

S 11/06/23 (3)

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

Work Order ID 70249

Wednesday, June 01, 2011 4:00:29 PM



Page 3

| | | | | | | |
|----------------|----------------------|------------|------|---------------|-------|--|
| Item ID: | D3999-043 | Accept | | Setup | Start | |
| Revision ID: | | | | | Stop | |
| Item Name: | Baffle Assembly, Fwd | | | | | |
| Start Date: | 6/2/2011 | Start Qty: | 3.00 | Cust Item ID: | | |
| Required Date: | 6/22/2011 | Req'd Qty: | 3.00 | Customer: | | |
| Reference: | | | | | | |

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|------------|---------------|-------|------------|-------|-----|-------|--|
| Approvals: | Process Plan: | Date: | Tooling: | Date: | Run | Start | |
| | QC: | Date: | SPC (Y/N): | Date: | | Stop | |

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|-----------------------------------|--|----------------------|---------|----------|--------------|---------------|---------------|------------------|----------------|
| 190 QC Quality Control | QC5- Inspect part completeness to step on W/O Memo | 0.00 0.00 | | 8/10/24 | | (73) | | | |
| 200 Packaging Packaging | Identify as per dwg & Stock Location: <u>WA 14</u> Memo | 0.00 0.00 | | 11-06-20 | | 3 | 0 | | |
| 210 QC Quality Control | QC21- Final Inspection - Work Order Release Memo | 0.00 0.00 | | | | | | | 11/6/30 DJ |

11-04-30
(3)

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

Picklist Print

Wednesday, June 01, 2011 4:00:24 PM

Page 1

Work Order ID: 70249

Parent Item: D3999-043

Parent Item Name: Baffle Assembly, Fwd

Start Date: 6/2/2011

Required Date: 6/22/2011

Start Qty: 3.00

Required Qty: 3.00

Comments: IPP rev A 09.12.16 new issue Prelim EC verified by:DD IPP rev B
10.05.10 ecn 10-562 EC verified by:DD

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---------------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|-----------------|---------------|----------------|--------|
| D3999-5 Angle | | Manufactured | No | | | 180 | Each | 11.0000 | 2 | 6 | | | |
| | | | | <u>Location</u> | | | | <u>Loc Qty</u> | | <u>Loc Code</u> | | | |
| | | | | ST104 | | | | 11 | | | | | |
| | | | | 65438 | | | | 11 | | | | | |
| M6061T6S.063 6061-T6 .063 Sheet | | Purchased | No | | | 100 | sf | 288.5000 | 2.66 | 8.4 | | | |
| | | | | <u>Location</u> | | | | <u>Loc Qty</u> | | <u>Loc Code</u> | | | |
| | | | | MAT021 | | | | 288.5 | | | | | |
| | | | | 116308 | | | | 32.5 | | | | | |
| | | | | 117285 | | | | 256 | | | | | |
| MS20470AD4-4 Rivet, Universal Head | | Purchased | No | | | 180 | Each | 2,606.000 | 12 | 36 | | | |
| | | | | <u>Location</u> | | | | <u>Loc Qty</u> | | <u>Loc Code</u> | | | |
| | | | | ST139 | | | | 1818 | | | | | |
| | | | | 117423 | | | | 1818 | | | | | |
| | | | | ST319 | | | | 788 | | | | | |
| | | | | 116188 | | | | 722 | | | | | |
| | | | | 116391 | | | | 66 | | | | | |

6/5/06/23

6

Dil-6-4

(3)

117285

6/5/06/23

36

Dart Aerospace Ltd

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

| | | |
|----------------------------------|--|------------------------|
| DART AEROSPACE LTD | | Work Order: 70244 |
| Description: Baffle Assembly Fwd | | Part Number: D3999-043 |
| Inspection Dwg: D3999-3 Rev: A | | Page 1 of 1 |

FIRST ARTICLE INSPECTION CHECKLIST

☒

First Article

☒

Prototype

| Drawing Dimension | Tolerance | Actual Dimension | Accept | Reject | Method of Inspection | Comments |
|-------------------|---------------|------------------|--------|--------|----------------------|----------|
| Ø .129 | + .005 - .001 | .131 | ✓ | | V B02 | |
| Ø .50 | + .006 - .001 | .503 | ✓ | | V | |
| Ø 3.35 | + .012 - .001 | 3.350 | ✓ | | V | |
| Ø .768 | + .010 - .001 | .771 | ✓ | | V | |
| .71 | ± .030 | .716 | ✓ | | V | |
| 1.96 | ± .030 | 1.957 | ✓ | | V | |
| 2.67 | ± .030 | 2.671 | ✓ | | V | |
| 3.61 | ± .030 | 3.608 | ✓ | | V | |
| 4.71 | ± .030 | 4.707 | ✓ | | V | |
| 5.77 | ± .030 | 5.775 | ✓ | | V | |
| 7.46 | ± .030 | 7.463 | ✓ | | P | |
| 9.91 | ± .030 | 9.912 | ✓ | | P | |
| 10.21 | ± .030 | 10.22 | ✓ | | P | |
| 12.96 | ± .030 | 12.96 | ✓ | | T B01 | |
| 14.76 | ± .030 | 14.76 | ✓ | | T | |
| 1.46 | ± .030 | 1.463 | ✓ | | V | |
| 2.43 | ± .030 | 2.438 | ✓ | | V | |
| 3.46 | ± .030 | 3.462 | ✓ | | V | |
| 5.33 | ± .030 | 5.328 | ✓ | | V | |
| 7.21 | ± .030 | 7.21 | ✓ | | V | |
| 9.08 | ± .030 | 9.089 | ✓ | | P Row 302 | |
| 9.93 | ± .030 | 9.933 | ✓ | | P | |
| .80 | ± .030 | .806 | ✓ | | V | |

| |
|-----------------|
| Measured by: RB |
| Date: 11-6-14 |

| |
|----------------|
| Audited by: S |
| Date: 11/06/15 |

| |
|---------------------|
| Prototype Approval: |
| Date: |

| Rev | Date | Change | Revised by | Approved |
|-----|------|-----------|------------|----------|
| A | | New Issue | KJ/JLM | |

| | |
|---------------------------------|------------------------|
| DART AEROSPACE LTD | Work Order: 70249 |
| Description: RARIE ASSEMBLY FWD | Part Number: D3999-043 |
| Inspection Dwg: D3999-3 Rev: A | Page 1 of 1 |

FIRST ARTICLE INSPECTION CHECKLIST

X

First Article

x

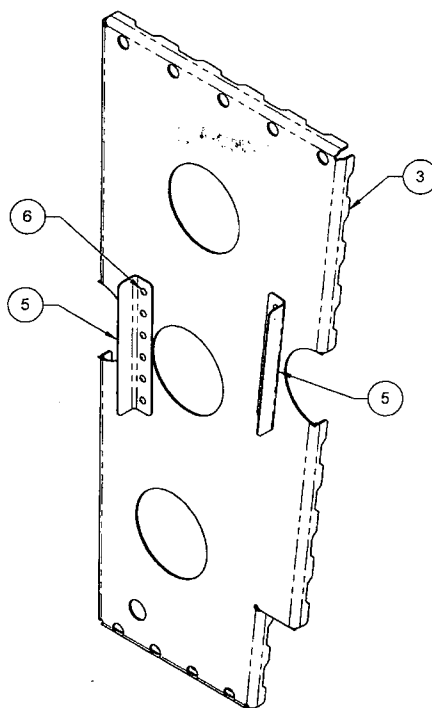
Prototype

| Drawing Dimension | Tolerance | Actual Dimension | Accept | Reject | Method of Inspection | Comments |
|-------------------|------------|------------------|--------------|--------|----------------------|----------|
| 1.02 | $\pm .030$ | 1.015 | \checkmark | | V PBOZ | |
| 5.61 | $\pm .030$ | 5.61 | \checkmark | | V | |
| 8.58 | $\pm .030$ | 8.577 | \checkmark | | P Row 302 | |
| 10.77 | $\pm .030$ | 10.767 | \checkmark | | P | |
| 20.10 | $\pm .030$ | 20.10 | \checkmark | | T PBO1 | |
| 24.75 | $\pm .030$ | 24.75 | \checkmark | | T | |
| 25.38 | $\pm .030$ | 25.38 | \checkmark | | T | |
| 25.44 | $\pm .030$ | 25.44 | \checkmark | | T | |
| 26.15 | $\pm .030$ | 26.15 | \checkmark | | T | |
| .063 | $\pm .010$ | .061 | \checkmark | | V | |

| | | |
|------------------------|----------------------|---------------------|
| Measured by: FB | Audited by: S | Prototype Approval: |
| Date: 11-6-14 | Date: 11/6/15 | Date: |

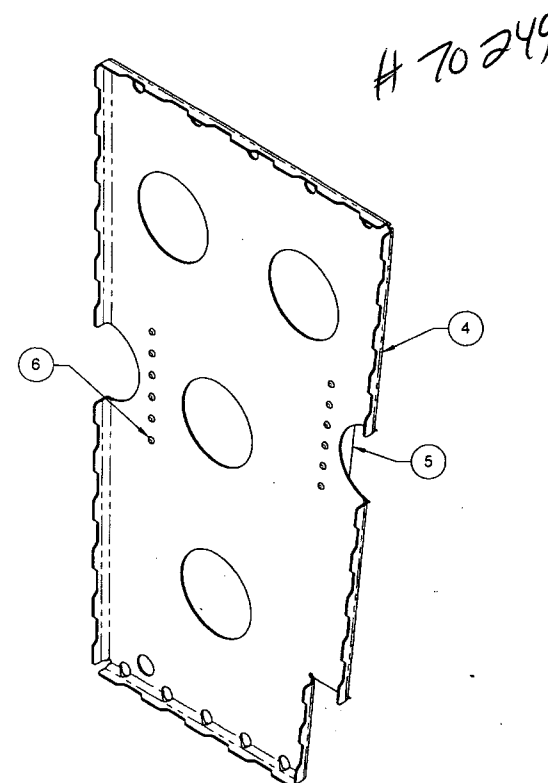
| Rev | Date | Change | Revised by | Approved |
|-----|------|-----------|------------|----------|
| A | | New Issue | KJ/JLM | |

| ITEM NO. | QTY. -041 | QTY. -043 | PART NUMBER | DESCRIPTION | JOHN CAMERON AVIATION PART NUMBER |
|----------|--------------|--------------|-------------|----------------------|--------------------------------------|
| 1 | X | | D3999-041 | BAFFLE ASSEMBLY, AFT | JCA-M47-1-02 |
| 2 | | X | D3999-043 | BAFFLE ASSEMBLY, FWD | JCA-M47-1-03 |
| 3 | 1 | | D3999-1 | BAFFLE | |
| 4 | | 1 | D3999-3 | BAFFLE | |
| 5 | 2 | 2 | D3999-5 | ANGLE | |
| 6 | 12 | 12 | MS20470AD4 | RIVET | |



D3999-041 BAFFLE ASSEMBLY, AFT

- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3999-041/-043" AND B/N USING FINE POINT PERMANENT INK MARKER
 - 7) WEIGHT (-041): 1.51 lbs
 - 8) WEIGHT (-043): 1.84 lbs



D3999-043 BAFFLE ASSEMBLY, FWD

RELEASED
2010-05-05

| | | | |
|------------|-------------|----|----------|
| A | NEW ISSUE | | 10.02.05 |
| REV. | DESCRIPTION | BY | DATE |
| DESIGN | | | |
| DRAWN | | | |
| CHECKED | | | |
| MFG. APPR. | | | |
| DE APPR. | | | |
| DATE | 10.02.05 | | |

| | |
|---|--------------|
| DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| DRAWING NO. D3999 | REV. A |
| TITLE BAFFLE | SCALE NTS |
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| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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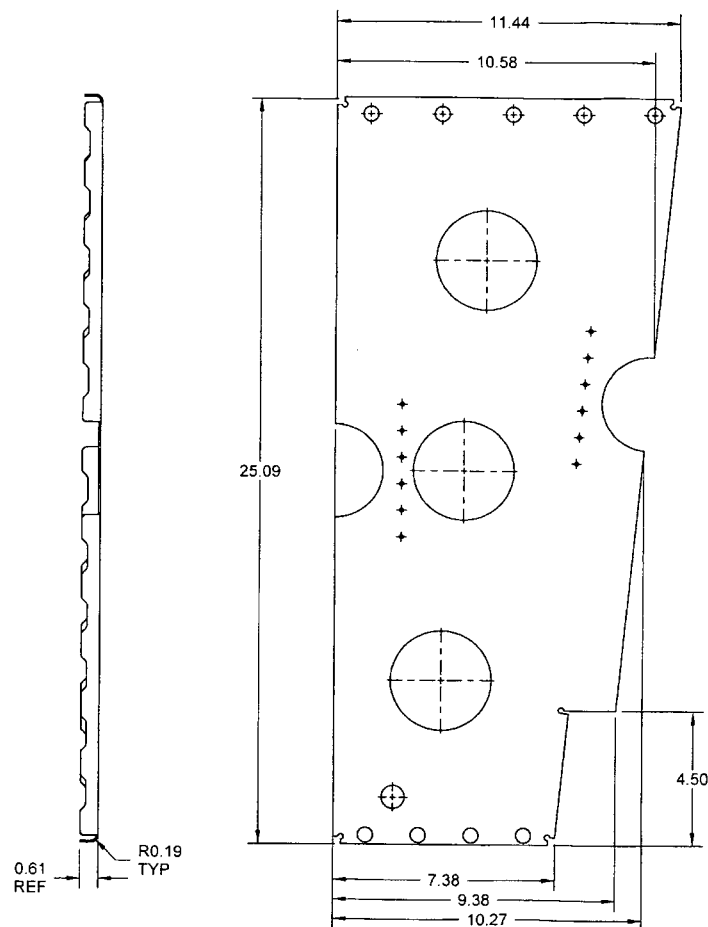
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
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| | | | | | | | | |
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NOTE: Date & initial all entries

| DART AEROSPACE PART NUMBER | JOHN CAMERON AVIATION PART NUMBER |
|-------------------------------|--------------------------------------|
| D3999-1 | REF JCA-M47-1-02 |



D3999-1 BAFFLE

- NOTES:
- 1) MATERIAL: MADE FROM D3999-1F
 - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: 1.44 lbs

| | | | |
|------------|----------|---|---------------|
| DESIGN | DR | DART AEROSPACE LTD | |
| DRAWN | DR | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | EB | DRAWING NO. D3999 | REV. A |
| MFG. APPR. | EB | | SHEET 2 OF 12 |
| APPROVED | EB | TITLE | SCALE |
| DE APPR. | EB | BAFFLE | NTS |
| DATE | 10.02.05 | <small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</small> | |

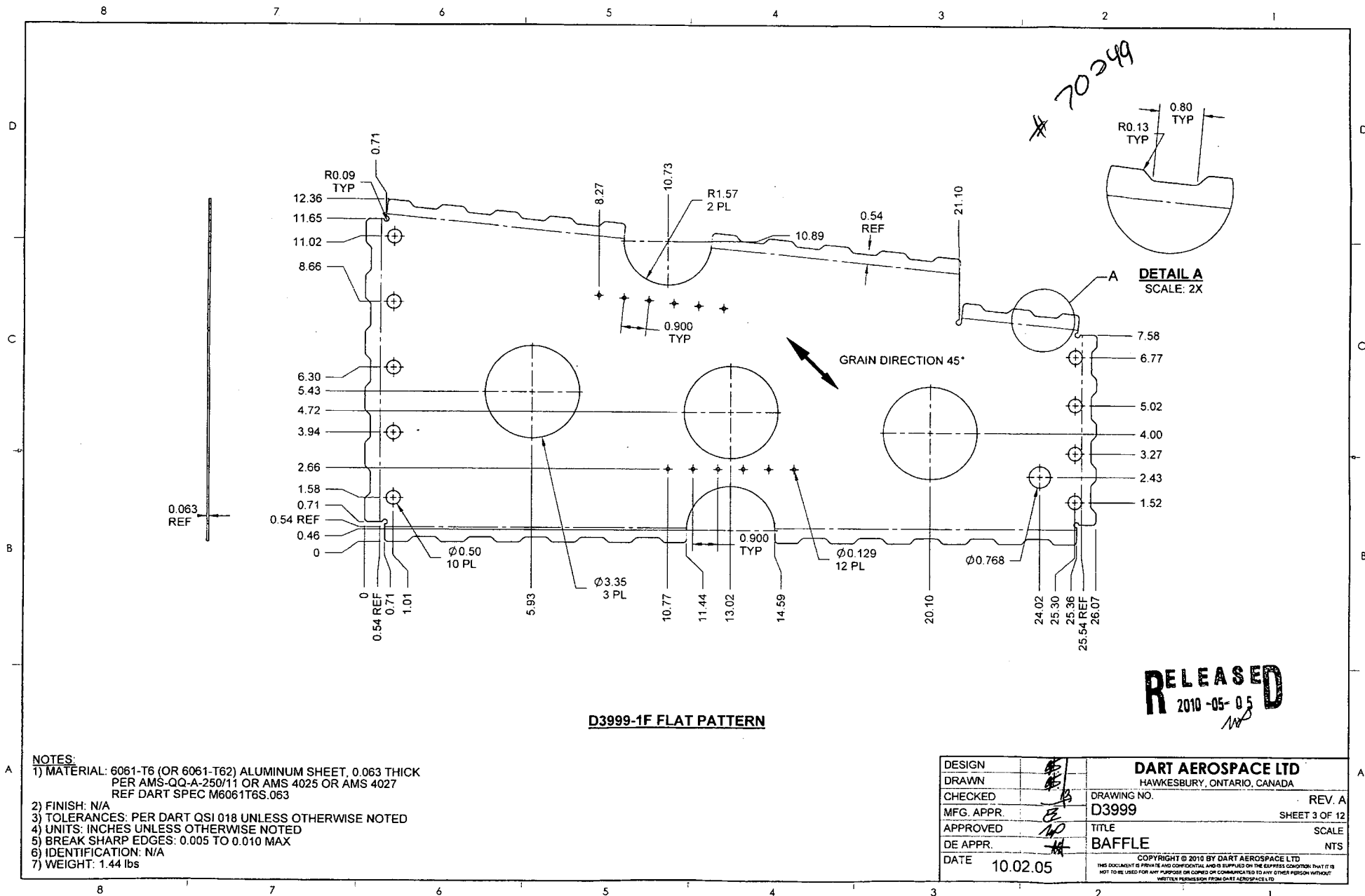
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NOTE: Date & initial all entries



| W/O: | | WORK ORDER CHANGES | | | | | |
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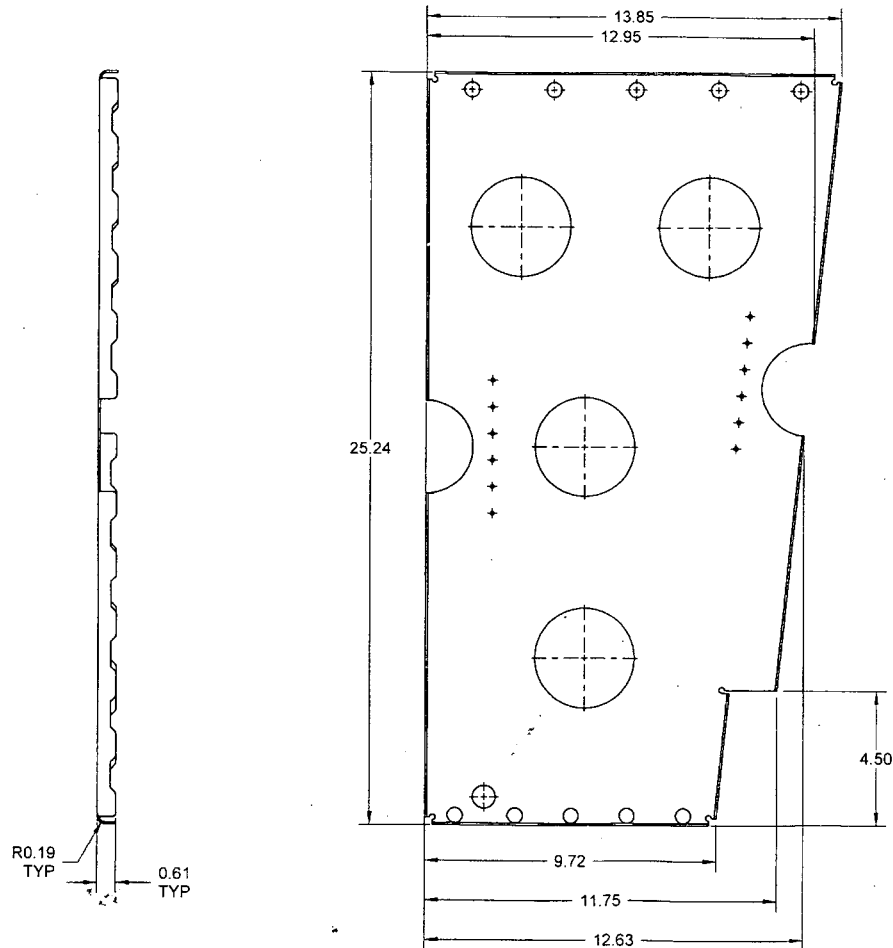
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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

| DART AEROSPACE PART NUMBER | JOHN CAMERON AVIATION PART NUMBER |
|-------------------------------|--------------------------------------|
| D3999-3 | REF JCA-M47-1-03 |



D3999-3 BAFFLE

NOTES:

- 1) MATERIAL: MADE FROM D3999-3F
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.77 lbs

RELEASED
2010-05-03
MD

| | | | |
|--|--------------|--|---------------|
| DESIGN | 1 | DART AEROSPACE LTD | |
| DRAWN | 1 | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | 1 | DRAWING NO. | REV. A |
| MFG. APPR. | 1 | D3999 | SHEET 4 OF 12 |
| APPROVED | 1 | TITLE | SCALE |
| DE APPR. | 1 | BAFFLE | NTS |
| DATE | 10.02.05 | COPYRIGHT © 2010 BY DART AEROSPACE LTD | |
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Dart Aerospace Ltd

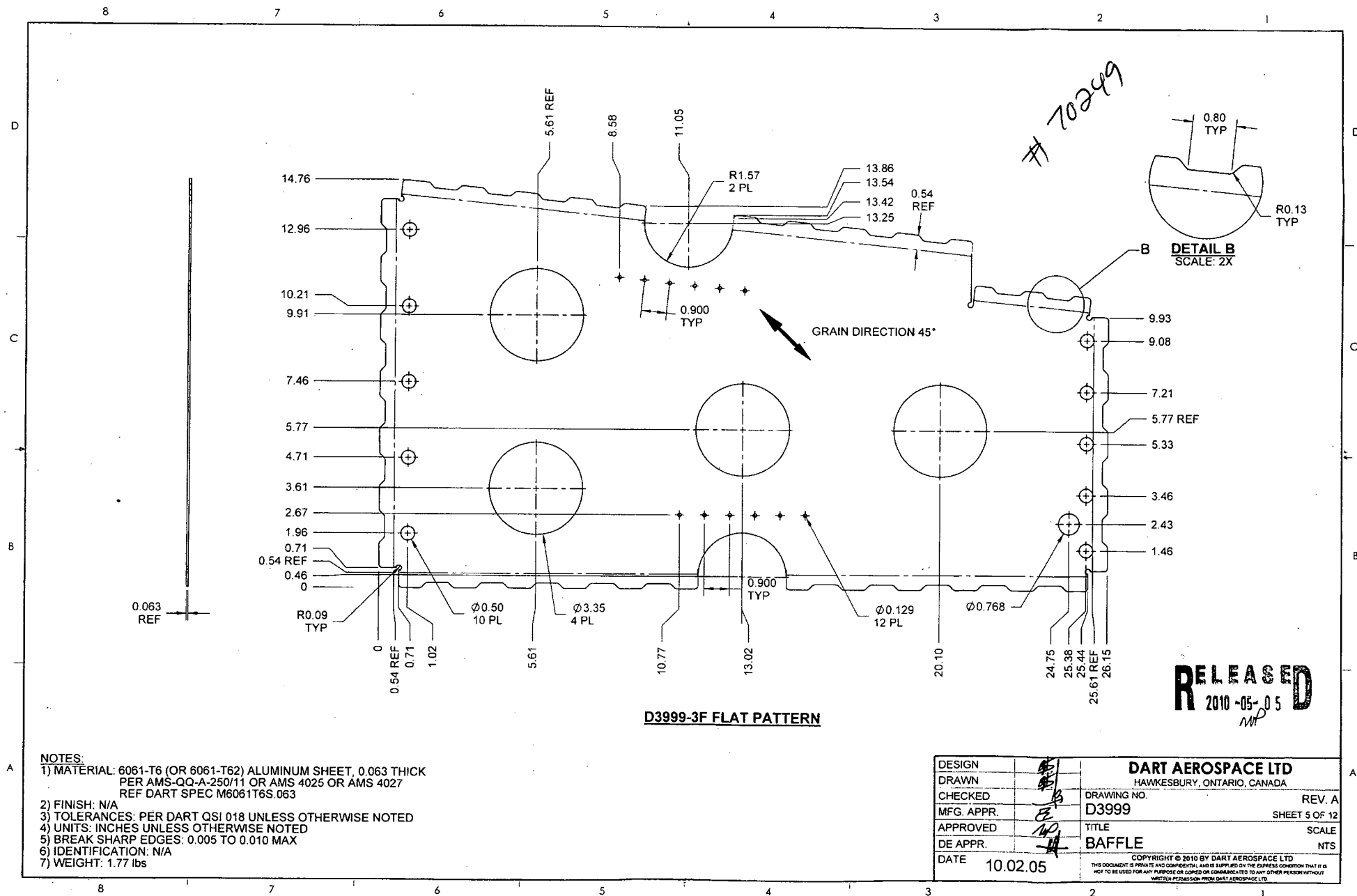
| W/O: | | WORK ORDER CHANGES | | | | | |
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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries



| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

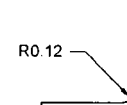
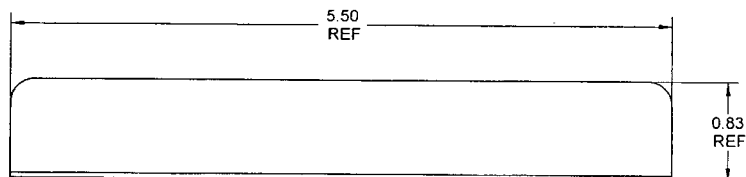
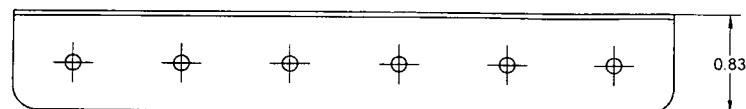
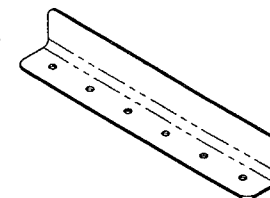
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

| DART AEROSPACE PART NUMBER | JOHN CAMERON AVIATION PART NUMBER |
|-------------------------------|--------------------------------------|
| D3999-5 | REF JCA-M47-1-02 REF JCA-M47-1-03 |

70249



D3999-5 ANGLE

RELEASED
2010-05-05
MD

- NOTES:
- 1) MATERIAL: MADE FROM D3999-5F
 - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: 0.03 lbs

| | | | |
|------------|----------|--|---------------|
| DESIGN | | DART AEROSPACE LTD | |
| DRAWN | | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | | DRAWING NO. | REV. A |
| MFG. APPR. | | D3999 | SHEET 6 OF 12 |
| APPROVED | | TITLE | SCALE |
| DE APPR. | | BAFFLE | NTS |
| DATE | 10.02.05 | <small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small> | |

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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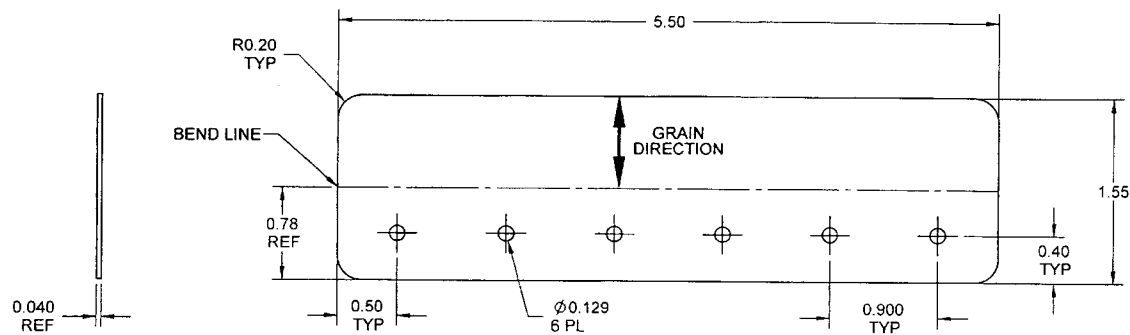
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

#70249



D3999-5F FLAT PATTERN

RELEASED
2010-05-05
JWP

NOTES:

- 1) MATERIAL: 6061-T6 (OR 6061-T62) ALUMINUM SHEET, 0.040 THICK
PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
REF DART SPEC M6061T6S.040
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.03 lbs

| | | | |
|------------|----------|---|---------------|
| DESIGN | | DART AEROSPACE LTD | |
| DRAWN | | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | | DRAWING NO. | REV. A |
| MFG. APPR. | | D3999 | SHEET 7 OF 12 |
| APPROVED | | TITLE | SCALE |
| DE APPR. | | BAFFLE | NTS |
| DATE | 10.02.05 | COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD | |

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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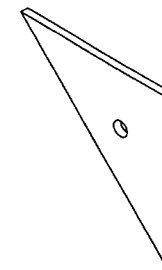
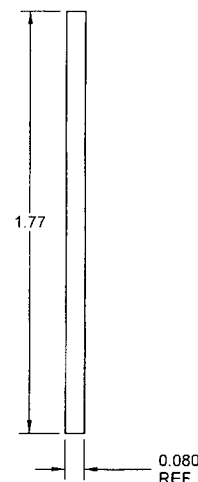
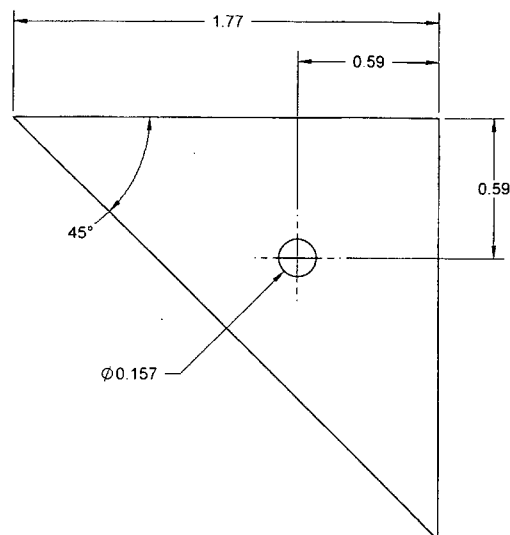
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

| DART AEROSPACE PART NUMBER | JOHN CAMERON AVIATION PART NUMBER |
|-------------------------------|--------------------------------------|
| D3999-7 | JCA-M47-1-17 |



70249

D3999-7 CORNER

RELEASED
2010-05-05

NOTES:

- 1) MATERIAL: 6061-T6 (OR 6061-T62) ALUMINUM SHEET, 0.080 THICK
PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
REF DART SPEC M6061T6S.080
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.01 lbs

| | | | |
|------------|----------|---|---------------|
| DESIGN | | DART AEROSPACE LTD | |
| DRAWN | | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | | DRAWING NO. D3999 | REV. A |
| MFG. APPR. | | | SHEET 8 OF 12 |
| APPROVED | | TITLE BAFFLE | SCALE |
| DE APPR. | | | NTS |
| DATE | 10.02.05 | <small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</small> | |

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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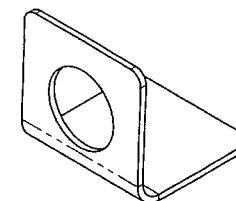
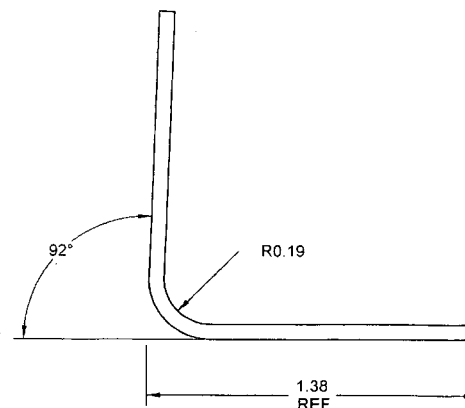
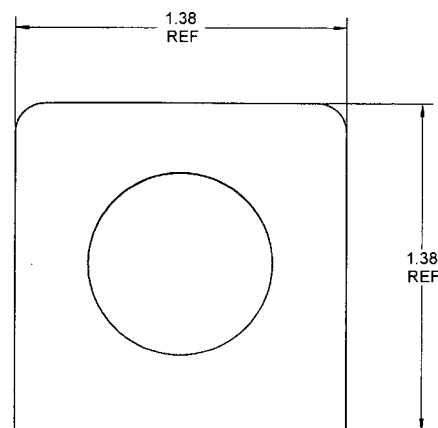
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

| DART AEROSPACE PART NUMBER | JOHN CAMERON AVIATION PART NUMBER |
|-------------------------------|--------------------------------------|
| D3999-9 | JCA-M47-1-18 |



#70249

D3999-9 ANGLE

RELEASED
2010-05-05
NW

NOTES:

- 1) MATERIAL: MADE FROM D3999-9F
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.02 lbs

| | | | |
|--|----------|--|---------------|
| DESIGN | | DART AEROSPACE LTD | |
| DRAWN | | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | | DRAWING NO. | REV. A |
| MFG. APPR. | | D3999 | SHEET 9 OF 12 |
| APPROVED | | TITLE | SCALE |
| DE APPR. | | BAFFLE | NTS |
| DATE | 10.02.05 | COPYRIGHT © 2010 BY DART AEROSPACE LTD | |
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Dart Aerospace Ltd

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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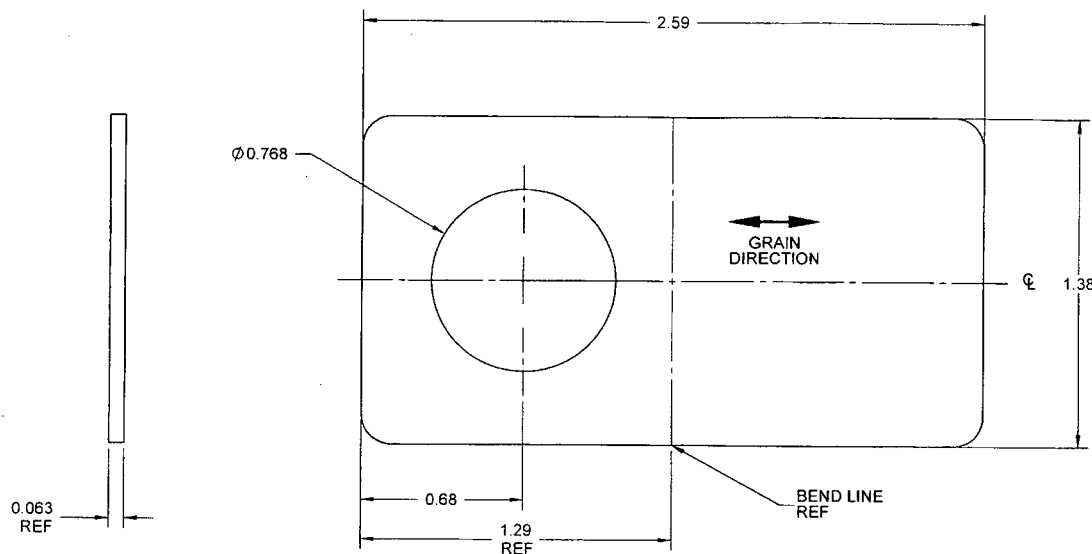
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

70249



D3999-9F FLAT PATTERN

RELEASED
2010-05-05
MD

NOTES:

- 1) MATERIAL: 6061-T6 (OR 6061-T62) ALUMINUM SHEET, 0.063 THICK
PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
REF DART SPEC M6061T6S0.063
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.02 lbs

| | | | |
|------------|----------|--|----------------|
| DESIGN | | DART AEROSPACE LTD | |
| DRAWN | | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | | DRAWING NO. | REV. A |
| MFG. APPR. | | D3999 | SHEET 10 OF 12 |
| APPROVED | | TITLE | SCALE |
| DE APPR. | | BAFFLE | NTS |
| DATE | 10.02.05 | <small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL. IT IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small> | |

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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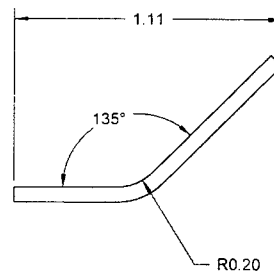
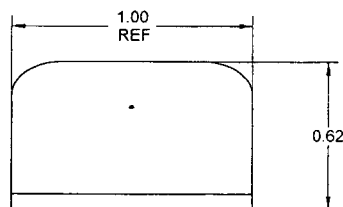
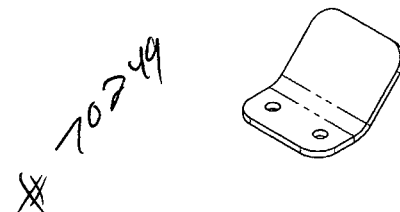
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

| DART AEROSPACE PART NUMBER | JOHN CAMERON AVIATION PART NUMBER |
|-------------------------------|--------------------------------------|
| D3999-11 | JCA-M47-1-19 |



D3999-11 EARTH TAB

RELEASED
2010-05-05
NWD

NOTES:

- 1) MATERIAL: MADE FROM D3999-11F
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.01 lbs

| | | |
|--|-----------------|--|
| DESIGN | | DART AEROSPACE LTD |
| DRAWN | | HAWKESBURY, ONTARIO, CANADA |
| CHECKED | | DRAWING NO. D3999 |
| MFG. APPR. | | REV. A |
| APPROVED | | TITLE BAFFLE |
| DE APPR. | | SCALE NTS |
| DATE | 10.02.05 | COPYRIGHT © 2010 BY DART AEROSPACE LTD |
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| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

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A

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REFØ0.125
2 PL

0.56

0.22
TYP

0.25

0.52
REF

1.32

GRAIN
DIRECTION

1.00

R0.20
TYP

BEND LINE

D3999-11F FLAT PATTERN**RELEASED**
2010-05-05
MD**NOTES:**

- 1) MATERIAL: 6061-T6 (OR 6061-T62) ALUMINUM SHEET, 0.063 THICK
PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
REF DART SPEC M6061T6S.063
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.01 lbs

| | | | |
|------------|----------|---|----------------|
| DESIGN | | DART AEROSPACE LTD | |
| DRAWN | | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | | DRAWING NO. | REV. A |
| MFG. APPR. | | D3999 | SHEET 12 OF 12 |
| APPROVED | | TITLE | SCALE |
| DE APPR. | | BAFFLE | NTS |
| DATE | 10.02.05 | <small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</small> | |

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| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries.